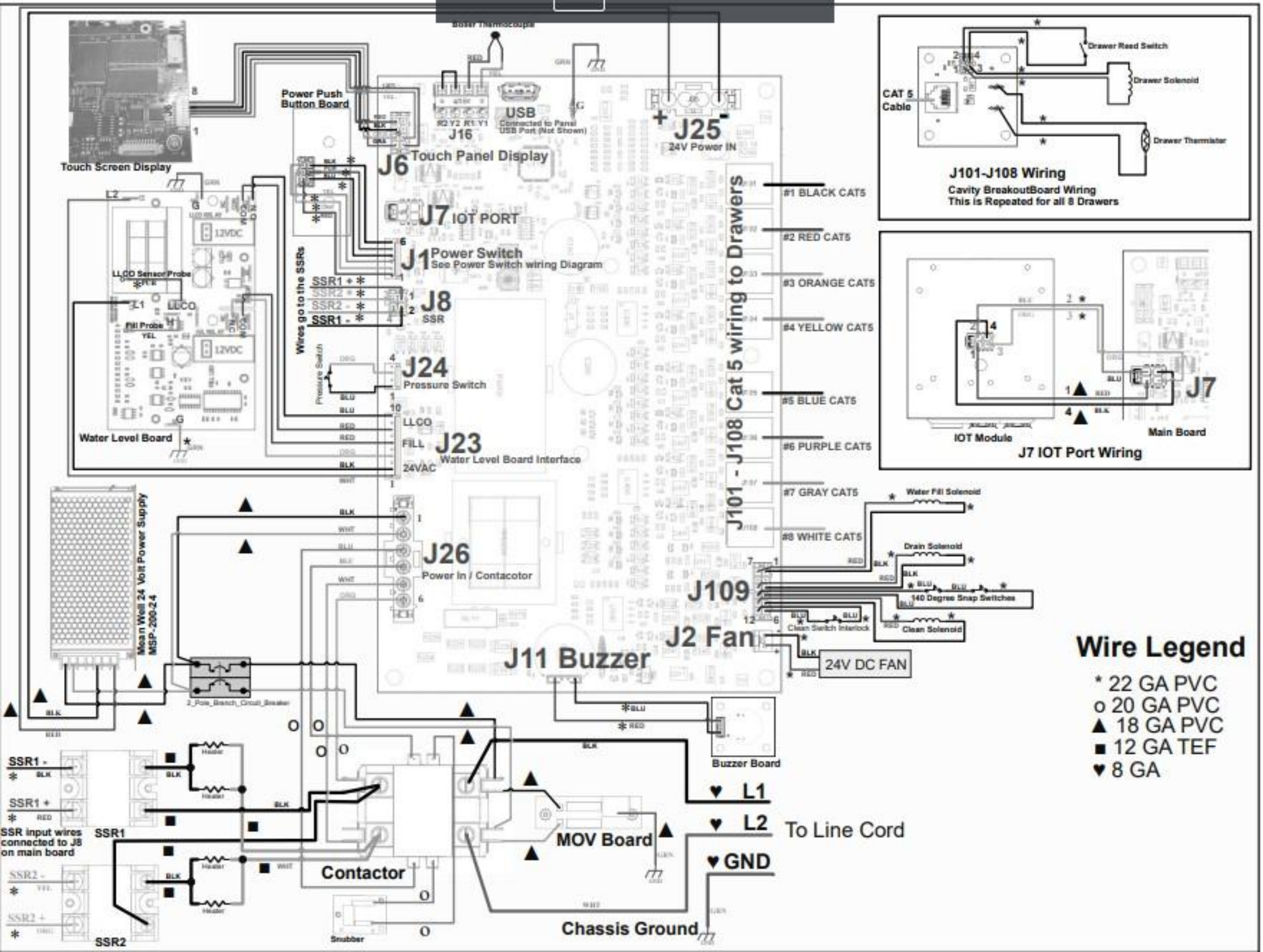
Boiler Thermocouple
Touch Screen Display
Power Push Button Board
J16
USB
Connected to Panel USB Port (Not Shown)
J25
24V Power IN
J6 Touch Panel Display
J7 IOT PORT
J1 Power Switch
See Power Switch wiring Diagram
J8
SSR
Wires go to the SSRs
SSR1 +
SSR2 +
SSR2 -
SSR1 -
J24
Pressure Switch
LLCO Sensor Probe
Fill Probe
LLCO
12VDC
Water Level Board
J23
Water Level Board Interface
LLCO
FILL
24VAC
J101 - J108 Cat 5 wiring to Drawers
#1 BLACK CAT5
#2 RED CAT5
#3 ORANGE CAT5
#4 YELLOW CAT5
#5 BLUE CAT5
#6 PURPLE CAT5
#7 GRAY CAT5
#8 WHITE CAT5
Mean Well 24 Volt Power Supply
MSP-200-24
J26
Power In / Contacotor
J109
J2 Fan
J11 Buzzer
Water Fill Solenoid
Drain Solenoid
140 Degree Snap Switches
Clean Switch Interlock
Clean Solenoid
24V DC FAN
2_Pole_Branch_Circuit_Breaker
Buzzer Board
SSR1 -
SSR1 +
SSR input wires connected to J8 on main board
SSR1
SSR2 -
SSR2 +
SSR2
Heater
Contactor
Snubber
MOV Board
L1
L2
To Line Cord
GND
Chassis Ground
CAT 5 Cable
Drawer Reed Switch
Drawer Solenoid
Drawer Thermistor
J101-J108 Wiring
Cavity BreakoutBoard Wiring
This is Repeated for all 8 Drawers
IOT Module
Main Board
J7 IOT Port Wiring
Wire Legend
* 22 GA PVC
o 20 GA PVC
▲ 18 GA PVC
■ 12 GA TEF
♥ 8 GA